

# 2004 MARTINSVILLE WATER UTILITY QUALITY REPORT

**This report covers the period January 1, 2004 through December 31, 2004 for the City of Martinsville Water Utility Public Water System Number 5255009**

## **Is my water safe?**

As many of you are aware the report for 2003 showed that the Martinsville Water Utility had violated the drinking water standard for the contaminant name Tetrachloroethylene, commonly known as PCE. Due to the prudent management of the remaining two wells, and favorable weather conditions, the utility staff was able to provide the needs of the customers this year with NO violations. This year we are very pleased to report that for the 2004 reporting period, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water standards.

## **What is the Current Condition of Our Water Supply?**

On Friday, June 17<sup>th</sup>, 2005 construction on the Martinsville PCE Groundwater Treatment Facility was completed. This facility was designed and constructed to remove the Tetrachloroethylene (PCE) from the well water before it enters the distribution system. Tests were taken on the water coming out of the PCE Treatment Facility, and no PCE was detected. Since Tuesday June 21, 2005, the water from all three Martinsville wells is flowing through the treatment facility. Your water utility staff continually monitors the treatment facility and samples the water for testing on a regular basis so that you are assured that the treatment is being effective in removing the contaminant.

## **Water Quality Data**

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

Contaminants	MCLG	MCL	Your Water	Range Low High	Sample Date	Violation	Typical Source
<b>Inorganic Contaminants</b>							
Nitrate [measured as Nitrogen] (ppm)	10	10	3.2	NA	----	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
<b>Volatile Organic Contaminants</b>							
Tetrachloroethylene (ppb)	0	5	4.1	NA	----	No	Discharge from factories and dry cleaners

### **Units Description:**

NA: Not applicable

ND: Not detected

NR: Not reported

MNR: Monitoring not required, but recommended.

ppm: parts per million, or milligrams per liter (mg/L)

ppb: parts per billion, or micrograms per liter (µg/L)

**Important Drinking Water Definitions:**

MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

MRDL: Maximum residual disinfectant level. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

**For more information contact:**

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